



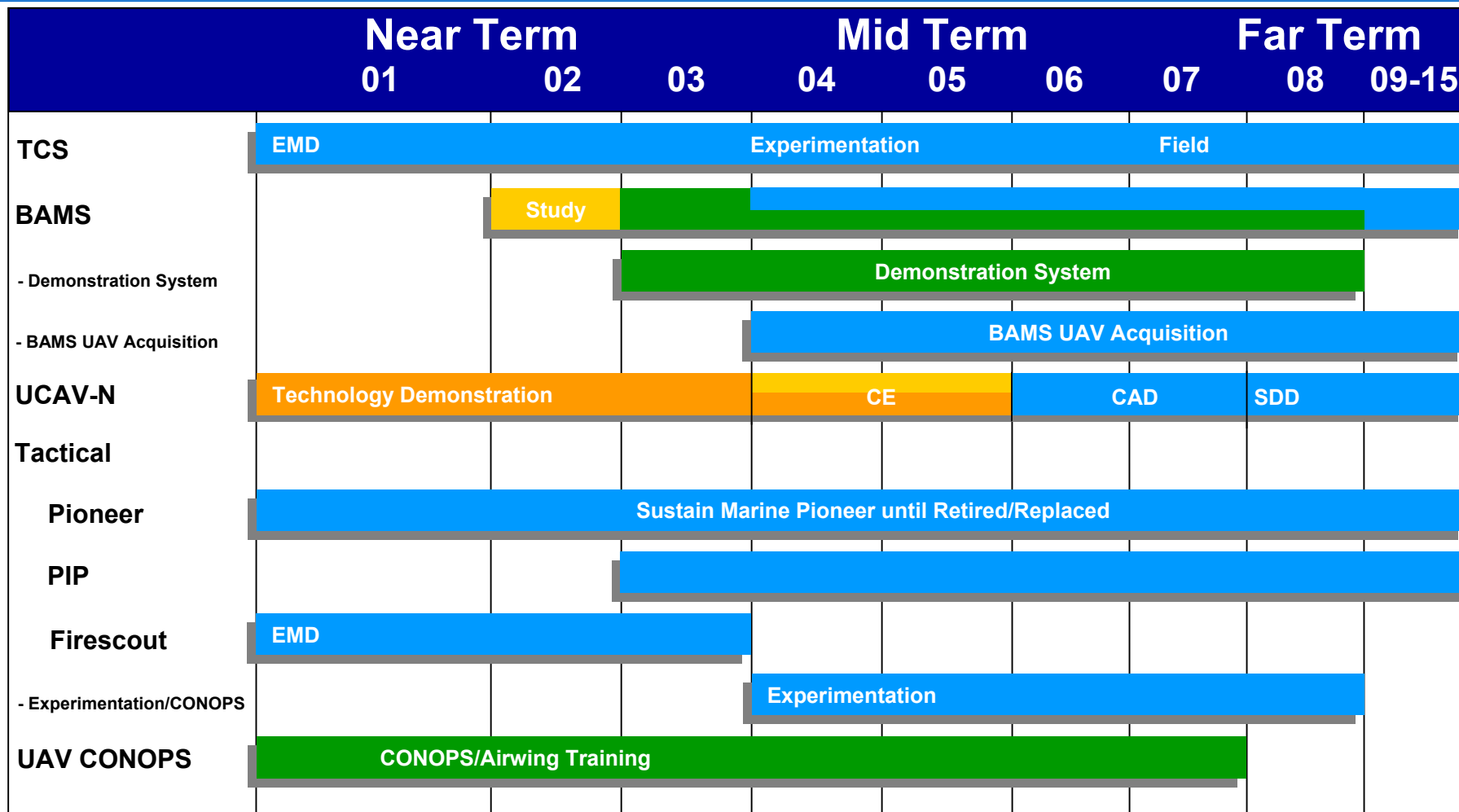
Naval-Industry R&D Partnership Conference

Transformational Technologies/Capabilities
14 August 2002

Rear Adm. Jack Chenevey
Program Executive Officer,
Strike Weapons and Unmanned Aviation



Naval UAV Activities



Fielded and
E&MD Programs



Requirements
Definition



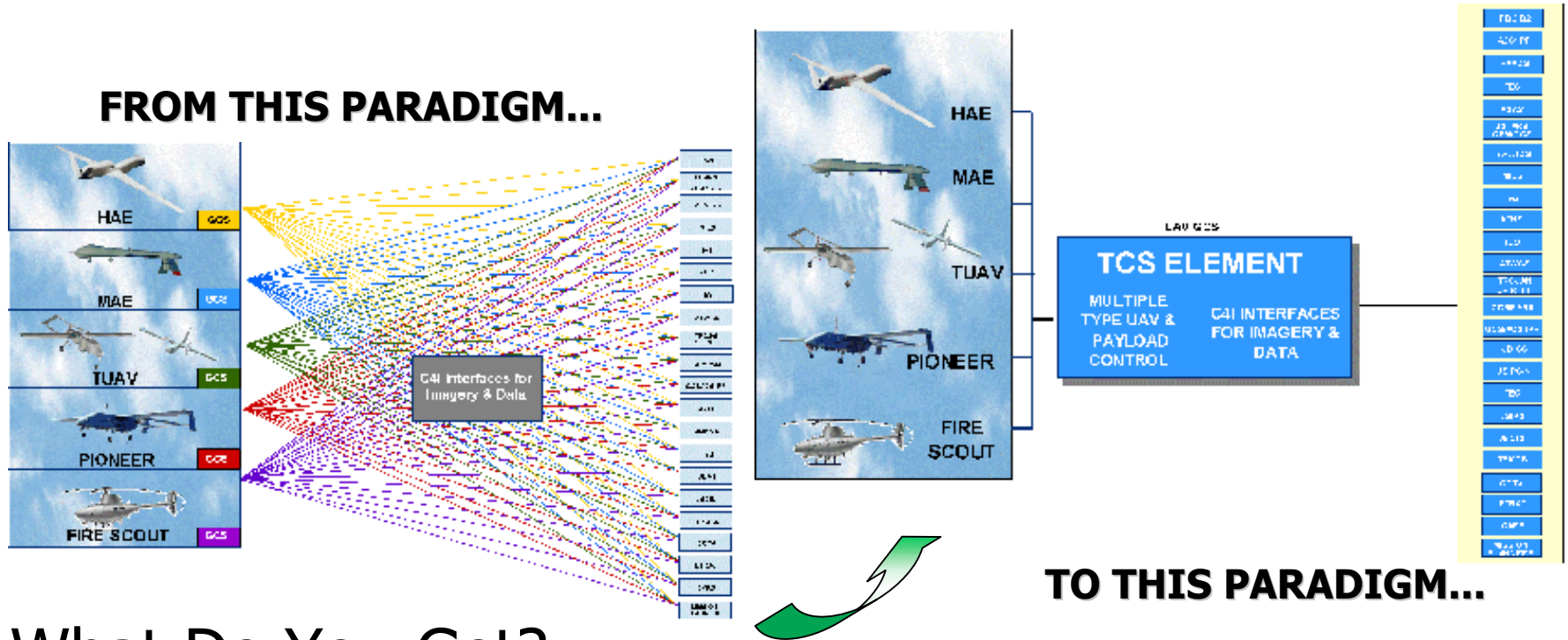
CONOPS
Development



S&T Effort



Tactical Control System (TCS) Vision



What Do You Get?

- Open Systems - Reduced Cost Of Development & Integration
- UAV / C4I Systems Interoperability
- Common Human Computer Interface - Reduced Training
- Non-Proprietary GCS Software/Hardware – Reduces Cost / Risk
- More Dollars For Operations, Air Vehicles & Payloads



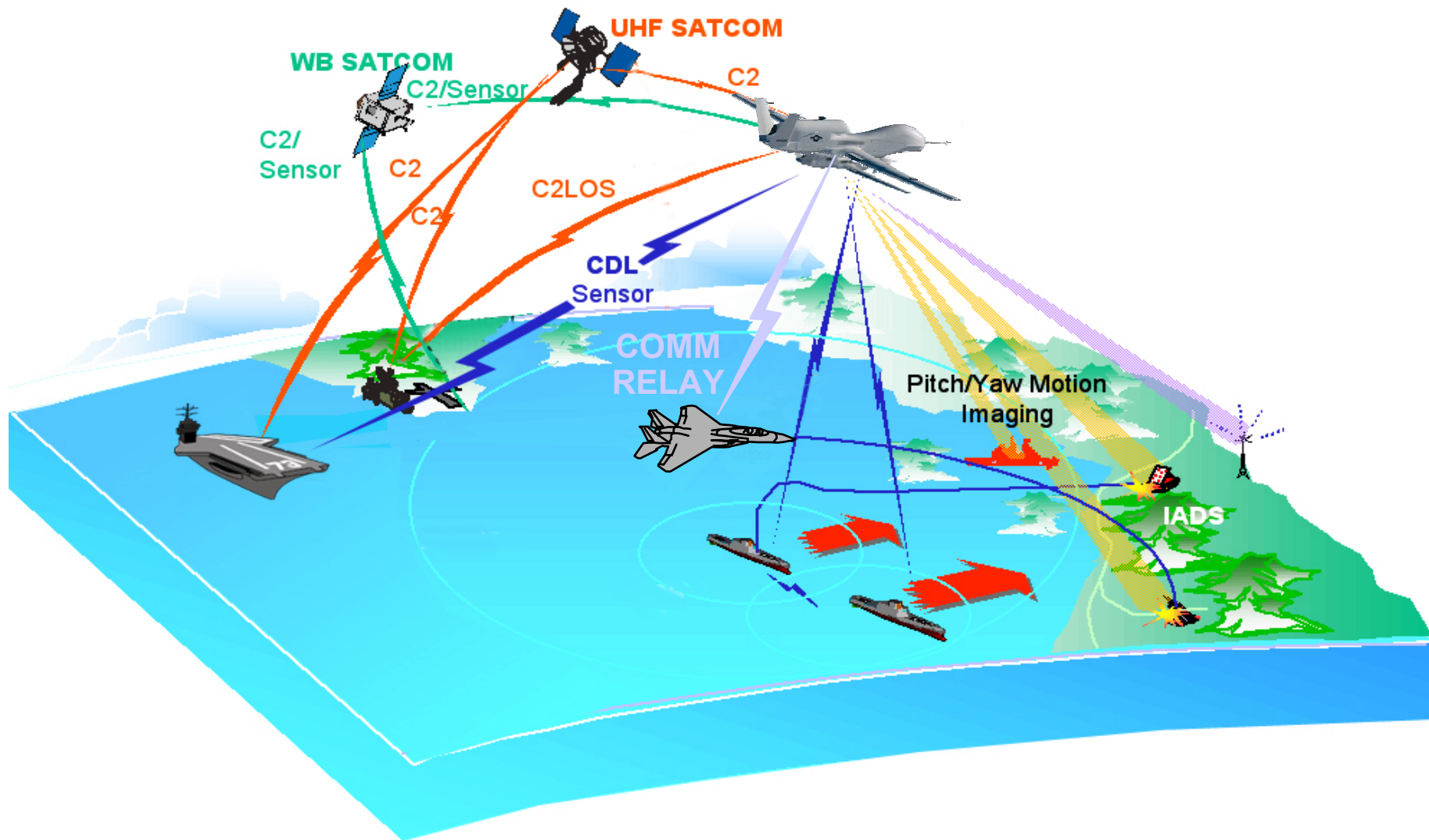
BAMS Program

TWO PHASED APPROACH

- **Global Hawk Maritime Demonstration System (GHMD)**
 - Leverage USAF contracts to expeditiously procure a robust UAV system
 - Enduring unmanned test bed
 - » Support Development of Naval Doctrine, CONOPS and TTP development
 - » Experiment with alternate sensors: ATR, Comm Relay, SIGINT, Hyper-Spectral, etc...
 - » Study the integration of TCS into Tactical Support Center (TSC) and CVs/Big Decks
- **Broad Area Maritime Surveillance UAV (BAMS)**
 - Traditional requirements-based acquisition program IAW DoD 5000 series instructions
 - Develop maritime capable UAV systems for operational deployment (projected IOC FY 08).
 - AoA, ORD, C4ISP.... Will drive ultimate system configuration
 - Compliment to other Naval Aviation platforms and mission areas (e.g. MMA)

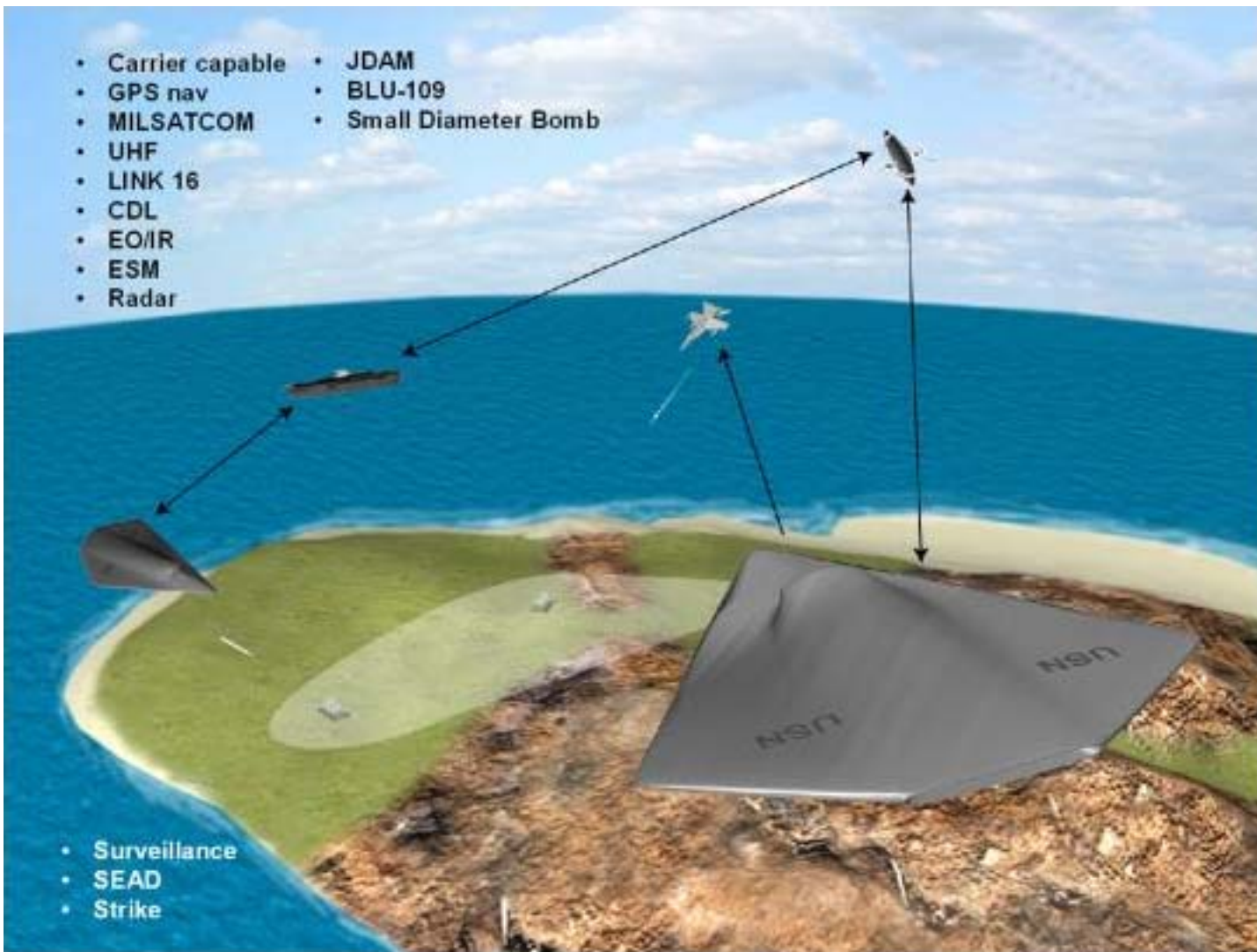


Strike Support/Precision Targeting CONOPS





UCAV-N CONOPS





P-3C UAV Control CONOPS

